

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E60277

Participation : CTR

Employer : SEH America Incorporated

Status : Affected

Worksite : SEH America, Incorporated

Survey Type : Online

Street : 4111 Ne 112th Ave

Response Rate : 81%

Jurisdiction : City of Vancouver

Survey Date : 5/7/2019

### Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 14.4%

Drive Alone Rate : 85.6%

One-Way VMT per employee : 9.2

Average One-Way distance home to work : 11.9

### Employees and Survey Response Information

Reported Total Employees at Worksite: 1,421

Surveys Distributed : 651

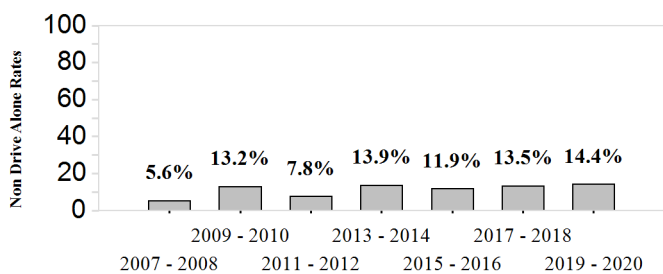
Surveys Returned : 526

Surveys Returned by CTR Affected\* Employees : 452

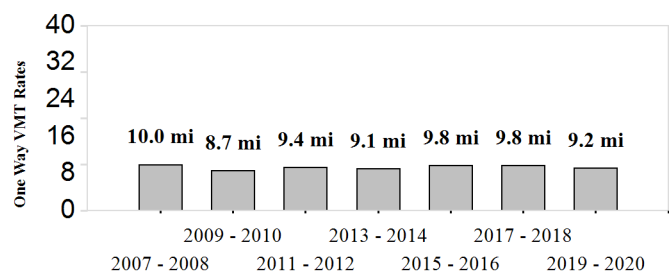
Total Estimated CTR Affected Employees at Worksite : 559

\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

#### Annual Metric Tons CO2e Pounds CO2e

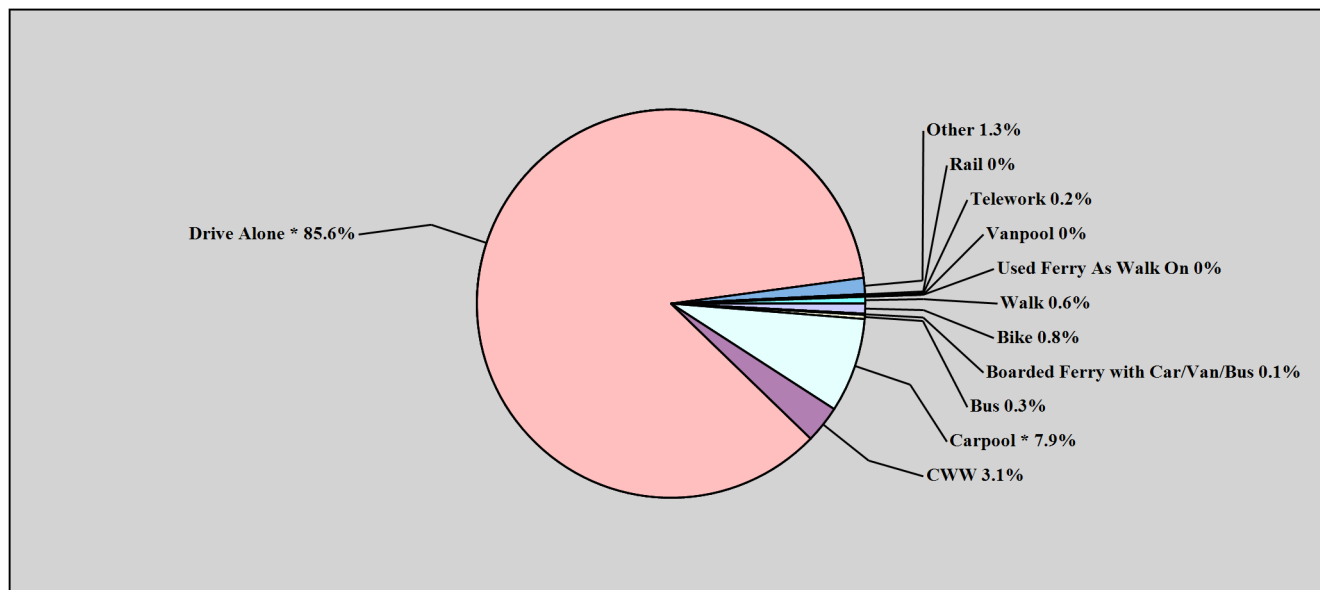
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	5.6%	5.9%	662	1503	9.3	10.0	9.9
2009 - 2010	13.2%	11.6%	679	1288	8.0	8.7	9.0
2011 - 2012	7.8%	7.8%	629	1534	9.5	9.4	9.6
2013 - 2014	13.9%	14.3%	639	1502	9.3	9.1	9.3
2015 - 2016	11.9%	11.7%	699	1670	10.4	9.8	9.8
2017 - 2018	13.5%	13.9%	981	1535	9.5	9.8	9.8
Target	11.6%				Target:	8.2	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	8.8				% Change from Baseline:	-8.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



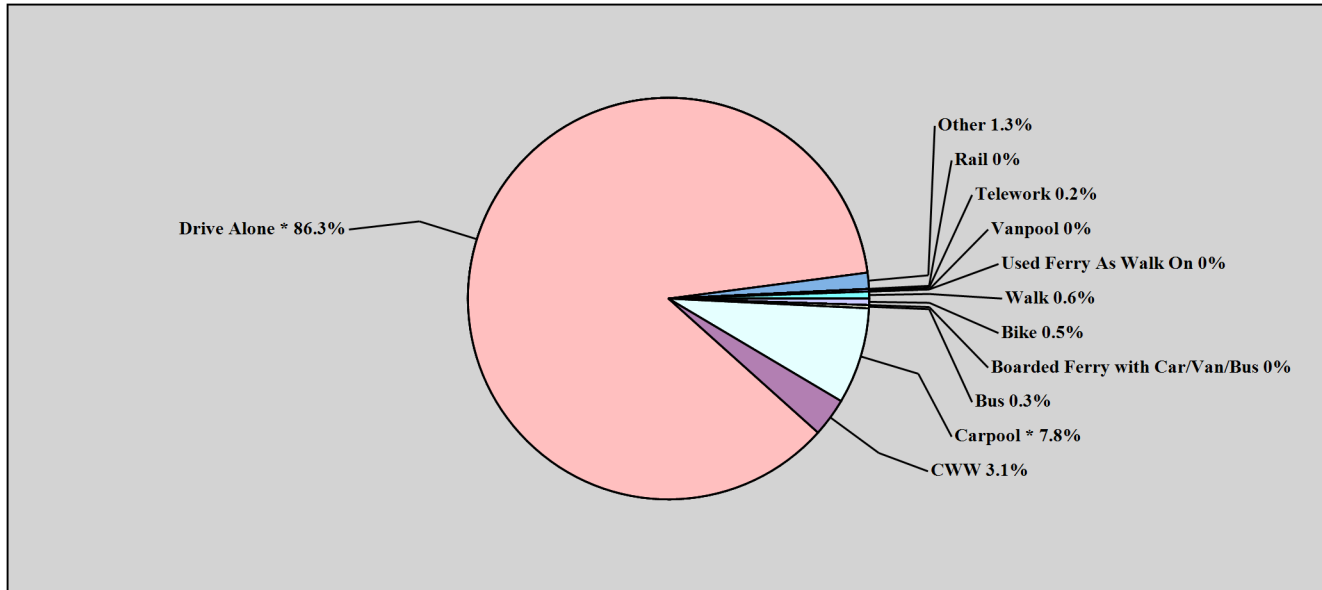
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,296	85.6%	86.5%	480	91.3%	92.7%
Carpool *	211	7.9%	6.8%	50	9.5%	8.4%
Vanpool	0	0.0%	0.4%	0	0.0%	0.9%
Bus	9	0.3%	0.6%	4	0.8%	1.1%
Rail	1	0.0%	0.0%	1	0.2%	0.2%
Bike	22	0.8%	0.4%	8	1.5%	1.4%
Walk	15	0.6%	0.1%	6	1.1%	0.5%
Telework	5	0.2%	0.0%	3	0.6%	0.2%
CWW	83	3.1%	3.9%	29	5.5%	7.3%
Boarded Ferry with Car/Van/Bus	3	0.1%	0.2%	1	0.2%	0.7%
Used Ferry As Walk On	0	0.0%	0.1%	0	0.0%	0.5%
Other	36	1.3%	1.0%	8	1.5%	1.8%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,004	86.3%	86.1%	414	91.6%	92.0%
Carpool *	180	7.8%	7.3%	41	9.1%	8.8%
Vanpool	0	0.0%	0.3%	0	0.0%	0.5%
Bus	6	0.3%	0.5%	2	0.4%	0.8%
Rail	0	0.0%	0.0%	0	0.0%	0.3%
Bike	12	0.5%	0.4%	5	1.1%	1.3%
Walk	13	0.6%	0.1%	4	0.9%	0.5%
Telework	5	0.2%	0.0%	3	0.7%	0.0%
CWW	72	3.1%	4.0%	23	5.1%	7.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.1%	0	0.0%	0.3%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	30	1.3%	1.1%	6	1.3%	2.0%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	429	82%	526	100%
<b>1 Days</b>	11	2%	97	18%
<b>2 Days</b>	20	4%	86	16%
<b>3 Days</b>	7	1%	66	13%
<b>4 Days</b>	10	2%	59	11%
<b>5 Days</b>	33	6%	49	9%
<b>6 or More Days</b>	16	3%	16	3%

**Count by Occupancy of Carpools and Vanpools**

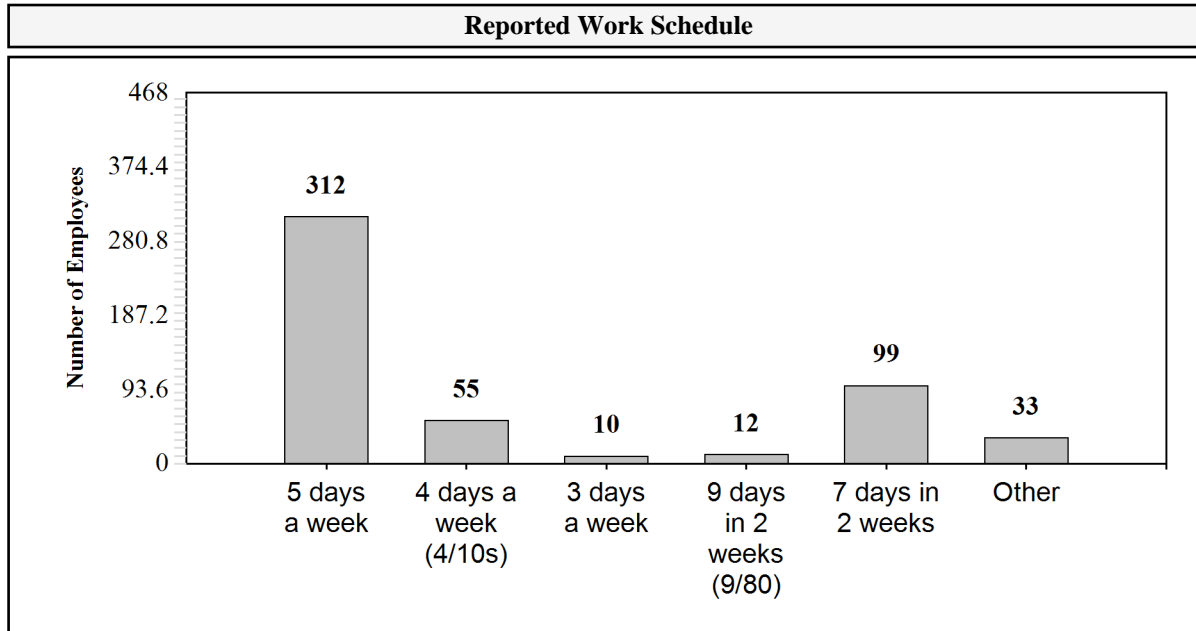
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	206
<b>3</b>	Carpool	5
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	0
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

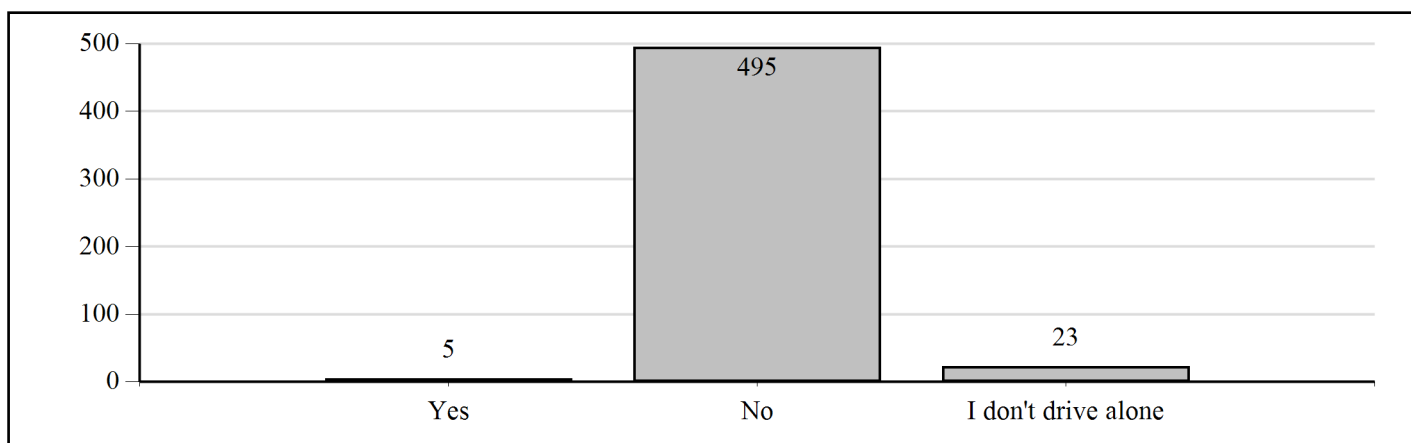
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	312	59.9%
4 days a week (4/10s)	55	10.6%
3 days a week	10	1.9%
9 days in 2 weeks (9/80)	12	2.3%
7 days in 2 weeks	99	19%
Other	33	6.3%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.4%
I don't telework	473	89.9%
Occasionally, on an as-needed basis	48	9.1%
1-2 days/month	1	0.2%
1 day/week	0	0.0%
2 days/week	2	0.4%
3 days/week	0	0.0%

**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	161	17.8%
Other	141	15.6%
Environmental and community benefits	121	13.4%
Personal health or well-being	107	11.8%
Financial incentives for carpooling, bicycling or walking.	90	10.0%
Driving myself is not an option	87	9.6%
Emergency ride home is provided	49	5.4%
I have the option of teleworking	42	4.7%
Free or subsidized bus, train, vanpool pass or fare benefit	35	3.9%
Preferred/reserved carpool/vanpool parking is provided	28	3.1%
Cost of parking or lack of parking	22	2.4%
To save time using the HOV lane	14	1.6%
I receive a financial incentive for giving up my parking space	6	0.7%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	372	29.5%
Riding the bus or train is inconvenient or takes too long	298	23.7%
My commute distance is too short	153	12.1%
Family care or similar obligations	128	10.2%
Bicycling or walking isn't safe	127	10.1%
Other	119	9.4%
I need more information on alternative modes	28	2.2%
My job requires me to use my car for work	26	2.1%
There isn't any secure or covered bicycle parking	9	0.7%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98682	97	18.44%	421	28	0	9	5	0	1	10	0	8	0	0	0
98662	55	10.46%	236	37	0	5	3	0	0	1	0	3	0	0	9
98684	38	7.22%	180	1	0	0	1	0	4	0	0	16	0	0	0
98683	36	6.84%	154	25	0	0	0	0	8	0	0	4	0	0	0
98604	32	6.08%	117	21	0	2	0	0	0	0	2	12	0	0	5
98664	30	5.70%	102	23	0	0	0	0	9	3	0	4	0	0	0
98661	28	5.32%	114	21	0	0	0	0	0	0	0	9	0	0	0
98607	27	5.13%	119	3	0	0	0	0	0	0	0	0	0	0	6
98685	18	3.42%	84	1	0	0	0	0	0	0	0	0	0	0	0
98665	17	3.23%	76	4	0	5	0	0	0	0	0	0	0	0	0
98671	17	3.23%	65	14	0	0	0	0	0	0	0	7	0	0	0
98686	15	2.85%	67	3	0	0	0	0	0	0	0	2	0	0	0
98663	10	1.90%	48	3	0	0	0	0	0	0	0	7	0	0	0
98642	9	1.71%	51	0	0	0	0	0	0	0	0	0	0	0	0
98674	9	1.71%	35	7	0	0	0	0	0	0	2	0	0	0	0
98606	7	1.33%	32	0	0	5	0	0	0	0	0	0	0	0	0
98629	6	1.14%	32	0	0	0	0	0	0	0	0	0	0	0	0
97202	5	0.95%	25	0	0	0	0	0	0	0	0	0	0	0	0
98660	5	0.95%	27	0	0	0	0	0	0	0	0	0	0	0	0
98632	4	0.76%	14	7	0	0	0	0	0	0	0	0	0	0	5
97060	3	0.57%	14	0	0	0	0	0	0	0	0	2	0	0	0
97229	3	0.57%	16	0	0	0	0	0	0	0	0	0	0	0	4
97233	3	0.57%	17	0	0	0	0	0	0	0	0	2	0	0	0
98675	3	0.57%	15	0	0	0	0	0	0	0	0	0	0	0	0
97008	2	0.38%	10	0	0	0	0	0	0	0	0	0	0	0	0
97015	2	0.38%	10	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
97030	2	0.38%	9	0	0	0	0	0	0	0	0	0	0	0	0
97211	2	0.38%	10	0	0	0	0	0	0	0	0	0	0	0	0
97218	2	0.38%	8	0	0	0	0	0	0	0	0	0	0	0	0
98601	2	0.38%	10	0	0	0	0	0	0	0	0	0	0	0	0
98611	2	0.38%	10	0	0	0	0	0	0	0	0	0	0	0	0
	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
68665	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
79060	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
85001	1	0.19%	0	0	0	1	0	1	0	1	0	0	3	0	0
96862	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97003	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97006	1	0.19%	3	0	0	0	0	0	0	0	0	0	0	0	0
97007	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97034	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97051	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97086	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97124	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97140	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97203	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97204	1	0.19%	0	0	0	0	0	0	0	0	0	0	0	0	7
97206	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97212	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97213	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97216	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97217	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97220	1	0.19%	7	0	0	0	0	0	0	0	0	0	0	0	0
97221	1	0.19%	2	0	0	0	0	0	0	0	0	0	0	0	0
97224	1	0.19%	1	0	0	0	0	0	0	0	0	0	0	0	0
97230	1	0.19%	2	0	0	0	0	0	0	0	0	5	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
97232	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97236	1	0.19%	3	0	0	0	0	0	0	0	0	2	0	0	0
97239	1	0.19%	5	0	0	0	0	0	0	0	1	0	0	0	0
97301	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
97304	1	0.19%	5	0	0	0	0	0	0	0	0	0	0	0	0
98362	1	0.19%	0	7	0	0	0	0	0	0	0	0	0	0	0
98603	1	0.19%	4	0	0	0	0	0	0	0	0	0	0	0	0
98616	1	0.19%	4	0	0	0	0	0	0	0	0	0	0	0	0
98625	1	0.19%	6	0	0	0	0	0	0	0	0	0	0	0	0
98626	1	0.19%	0	5	0	0	0	0	0	0	0	0	0	0	0
98639	1	0.19%	4	1	0	0	0	0	0	0	0	0	0	0	0